

FORM PTO-1390
(REV. 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

69430

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

08/793833

INTERNATIONAL APPLICATION NO.
PCT/DE96/01087INTERNATIONAL FILING DATE
19 June 1996PRIORITY DATE CLAIMED
20 June 1996

TITLE OF INVENTION

PROCESS AND DEVICE FOR DETERMINING THE ACTIVITY OF ENZYMES IN LIQUIDS, OR THE
CONCENTRATION AND/OR ACTIVITY OF INHIBITORS IN LIQUIDS

APPLICANT(S) FOR DO/EO/US

Johannes Schumacher and Bernd Werle

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

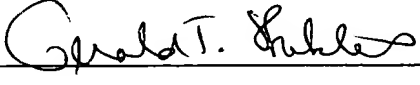
1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

Verified Statement Claiming Small Entity Status--Independent Inventor(s)

COPY OF: International Search Report PCT/ISA/210

| | | | | | |
|---|--------------|---|------------------|---------------------------------------|----------------|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) | | INTERNATIONAL APPLICATION NO. PCT/DE96/01087 | | ATTORNEY'S DOCKET NUMBER 69430 | |
| | | | | CALCULATIONS PTO USE ONLY | |
| <p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</p> <p> <input checked="" type="checkbox"/> Search Report has been prepared by the EPO or JPO \$910.00</p> <p> International preliminary examination fee paid to USPTO (37 CFR 1.482) \$700.00</p> <p> No international preliminary examination fee paid to USPTO (37 CFR 1.482), but international search fee paid to USPTO (37 CFR 1.445(a)(2)) . . . \$770.00</p> <p> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1040.00</p> <p> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96.00</p> <p style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> | | | | \$ 910.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 28 -20= | 8 | x \$22.00 | \$ | 176.00 |
| Independent claims | 2 -3= | 0 | x \$80.00 | \$ | .00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + 260.00 | \$ | .00 |
| TOTAL OF ABOVE CALCULATIONS | | | | = | \$ |
| Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). | | | | \$ | 543.00 |
| SUBTOTAL | | | | = | \$ 543.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | \$ |
| TOTAL NATIONAL FEE | | | | = | \$ 543.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property | | | | + | \$ |
| TOTAL FEES ENCLOSED | | | | = | \$ 543.00 |
| | | | | Amount to be: refunded | \$ |
| | | | | charged | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>543.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0920</u>. A duplicate copy of this sheet is enclosed.</p> <p>NOTE. Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | |
| <p>SEND ALL CORRESPONDENCE TO: WELSH & KATZ, LTD. 120 South Riverside Plaza 22nd Floor Chicago, Illinois 60606 Telephone: 312/655-1500</p> | | | | | |
| <p style="text-align: center;"></p> <p style="text-align: center;">SIGNATURE</p> <p style="text-align: center;">_____ Gerald T. Shekleton NAME</p> <p style="text-align: center;">_____ 27,466 REGISTRATION NUMBER</p> | | | | | |



Attorney's Docket No. 69430

IN THE UNITED STATES

PC7
89 Rec'd PCT/PTO 18 FEB 1997
08/793833

☐ RECEIVING OFFICE (RO/US)

☒ DESIGNATED OFFICE (DO/US)

☒ ELECTED OFFICE (EO/US)

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TITLE OF INVENTION

Johannes SCHUMACHER and Bernd WERLE
APPLICANT(S)

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 CFR 1.10(c))

I declare that on February 18, 1997 I deposited with the United States Postal Service in an envelope as "Express Mail, Post Office to Addressee" bearing Label Number EM 509 797 400 US addressed to the Box PATENT APPLICATION / Assistant Commissioner for Patents / Washington, D.C. 20231" and having an express mail certification which I executed, the following papers:

Transmittal Letter to the United States Designating/Elected Office Concerning a Filing Under 35
U.S.C. 371; Declaration and Power of Attorney; Preliminary Amendment with Abstract; Copies of
the international application, as filed, and International Search Report {PCT/ISA/210}; Translation
of the international application into English; Verified Statement Claiming Small Entity
Status--Independent Inventor and Check for \$543

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Ronald Hanks

(typed or printed name of person making this verified statement)

Date February 18, 1997

(Signature of person making this verified statement)